



Image 1743

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michael S. Freund, et al. Art Unit: 1743
Serial No.: 09/963,788 Examiner: Yelena G. Gakh,
Filed : September 25, 2001 Ph.D.
Title : NANOPARTICLE-BASED SENSORS FOR DETECTING ANALYTES IN
FLUIDS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Applicants call attention to the attached Information Disclosure Statement and documents listed on form PTO-1449.

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The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3).

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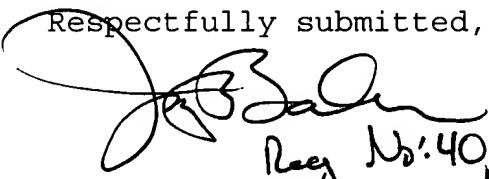
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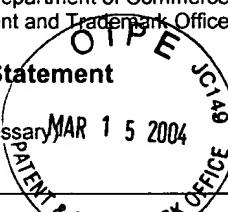
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Fish & Richardson P.C.
USPTO Customer No. 20985
12390 El Camino Real
San Diego, CA 92130
Telephone: (858) 678-5070
Facsimile: (858) 678-5099

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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 06618-707001	Application No. 09/963,788
Information Disclosure Statement by Applicant <small>(Use several sheets if necessary)</small>				Applicant Michael S. Freund, et al.	
(37 CFR §1.98(b))				Filing Date September 25, 2001	Group Art Unit 1743

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	3,927,930	Dec 23, 1975	Goldberg, et al.			
	AB	4,453,126	June 5, 1984	Volgyesi			
	AC	4,644,101	Feb 17, 1987	Jin, et al.			
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	AF	4,980,541	Dec 25, 1990	Shafer, et al.			
	AG	5,104,210	Apr 14, 1992	Tokas, et al.			
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	AQ	5,942,674	Aug 24, 1999	Logothetis, et al.			
	AR	6,002,817	Dec 14, 1999	Kopelman, et al.			
	AS	6,202,471	Mar 20, 2001	Yadav, et al.			
	AT						

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	AU	99/273557	June, 1999	WO			
	AV						
	AW						
	AX						

Examiner Signature	Date Considered
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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 06618-707001	Application No. 09/963,788
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				Filing Date September 25, 2001	Group Art Unit 1743

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
	AY						

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AZ	Longergan, et al., "Array-Based Vapor Sensing Using Chemically Sensitive, Carbon Black-Polymer Resistors", <u>Chem. Mater.</u> , Vol. 8, pp. 2298-2312, 1996
	AAA	Luedtke, et al., "Strucutre, Dynamics, and Thermodynamics of Passivated Gold Nanocrystallites and Their Assemblies", <u>The Journal of Physical Chemistry</u> , Vol. 100, No. 32, pp. 13323-13329, August 8, 1996
	ABB	Snow, et al., "Size-Induced Metal to Semiconductor Transition in a Stabilized Gold Cluster Ensemble", <u>Chemistry of Materials</u> , Vol. 10, No. 4, pp. 947-949, April, 1998
	ACC	Terrill, et al., "Monolayers in Three Dimensions: NMR, SAXS, Thermal, and Electron Hopping Studies of Alkanethol Stabilized Gold Clusters", <u>J. Am. Chem. Soc.</u> , Vol. 117, pp. 12357-12548, 1995
	ADD	Wohltjen, et al., "Colloidal Metal-Insulator-Metal Ensemble Chemiresistor Sensor", <u>Analytical Chemistry</u> , Vol. 70, No. 14, pp. 2856-2859, 1998
	AEE	Zeiri, et al., "Studies of Silver Organosols: Preparation, Characterization, and Cyanide-Induced Aggregation", <u>J. Phys. Chem.</u> , Vol. 96, pp. 5908-5917, 1992
	AFF	Grate, et al., "Role of Selective Sorption in Chemiresistor Sensors for Organophosphorus Detection", <u>Analytical Chemistry</u> , Vol. 62, pp. 1927-1934, September, 1990

Examiner Signature	Date Considered
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